





No. 4-19

Date 1/8/58  
9Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34	112.2	
2	37	122.1	
3	43	141.9	
4	42	138.6	
5	37	122.1	
6	37	122.1	
7	42	138.6	
8	43	141.9	
9	42	138.6	
10	36	118.8	
T		1296.9	
$\bar{x}$		129.7	

Sertoli Cells: seenRemarks: every cell in slide seems to  
be dividing



No. 4-21

Date 1/5/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	9 - 29.7
2	49	161.7	8 26.4
3	53	174.9	12 39.4
4	39	128.7	9 29.7
5	55	181.5	8 26.4
6			
7			
8			
9			
10			
T		811.8	151.8
$\bar{x}$		162.4	30.4

Sertoli Cells: seenRemarks: on section



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No. 4-22Date 11/5/59Spermatogenic Condition Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 191.4	13 42.9
2		50 165.0	10 33.0
3		52 171.6	16 52.8
4			
5			
6			
7			
8			
9			
10			
T		528.0	128.7
$\bar{x}$		176.0	42.9

Sertoli Cells: seenRemarks: stain faint $E = 26.4 \mu$ 

(2)



No. 4-23

Date 4/59

Spermatogenetic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 - 165.0	16 - 52.8
2		40 132.0	12 39.6
3		52 171.6	15 49.5
4		51 168.3	16 52.8
5		53 174.9	15 49.5
6		56 184.8	15 49.5
7		42 138.6	13 42.9
8		43 141.9	13 42.9
9		60 198.0	12 39.6
10		48 158.4	13 42.9
T		1633.5	462.0
$\bar{x}$		163.4	46.2

Sertoli Cells: seen

Remarks:



No. 5-24

Date 4/8/59

Spermatogenic Condition within

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37	128.7	6 - 19.8
2	48	158.4	4 - 13.2
3	41	135.3	5 - 16.5
4	37	122.1	6 - 19.8
5	39	128.7	8 - 26.4
6	31	102.3	6 - 19.8
7	45	148.5	7 - 23.1
8	41	135.3	6 - 19.8
9	33	174.9	7 - 29.7
10	43	141.9	8 - 26.4
T		1376.1	214.5
$\bar{x}$		137.6	21.4

Sertoli Cells: seen

Remarks:



No. 427

Date 5/5/59

Spermatogenic Condition 60

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51	168.3	15 49.5
2	35	115.5	8 26.4
3	42	138.6	12 39.6
4	49	161.7	12 39.6
5	52	171.4	15 49.5
6	44	145.2	9 29.7
7	46	151.8	11 36.3
8	42	138.6	13 42.9
9	47	155.1	11 36.3
10	45	148.5	10 33.0
T		1494.9	382.8
$\bar{x}$		149.5	38.3

Sertoli Cells: seen

Remarks:



No. 4-29 Date 8/5/6

Spermatogenic Condition 2 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52	171.6	17 52.1
2	50	165.0	10 33.0
3	43	141.9	9 29.7
4	54	178.2	12 39.6
5	46	151.8	12 39.6
6	47	155.1	10 33.0
7	49	161.7	10 33.0
8	44	211.2	10 33.0
9	76	220.8	9 29.7
10	52	171.4	12 39.6
T		158.9	366.3
$\bar{x}$		175.9	36.6

Sertoli Cells: seen

Remarks: stain faint



No. 4230 Date 4/65-7

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	9 29.7
2	49	161.7	12 39.4
3	57	188.1	8 26.4
4	52	171.6	8 26.4
5	46	217.8	12 39.6
6	57	148.3	6 19.8
7	46	151.8	10 33.0
8	51	168.3	10 33.0
9	41	135.3	13 42.9
10	45	148.5	9 29.7
T		1686.3	320.1
$\bar{x}$		168.6	32.0

Sertoli Cells: seen

Remarks: \_\_\_\_\_



No. 4-31

Date 4/6/59

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42	138.4	7 23.1
2	38	125.4	11 36.3
3	57	122.1	8 26.4
4	43	141.9	7 23.1
5	40	132.0	8 26.4
6	36	118.8	11 36.3
7	48	158.4	10 33.0
8	42	138.6	10 33.0
9	48	158.4	5 16.5
10	41	135.3	7 23.1
T		1369.5	277.2
$\bar{x}$		137.0	27.7

Sertoli Cells: seen

Remarks:



No. 4-33

Date 4/59

4

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46	151.8	11 36.3
2	50	165.0	8 26.4
3	48	158.4	11 36.3
4	58	191.4	13 42.9
5	37	122.1	12 39.6
6	57	188.1	20 66.0
7	38	125.4	9 29.7
8	43	141.9	8 26.4
9	45	148.5	8 26.4
10	50	165.0	10 33.0
T		1557.6	363.0
$\bar{x}$		155.8	36.3

Sertoli Cells: seen

Remarks:



No.	4-34	Date	1/6/59
Spermatogenic Condition within		<u>abnormal</u>	
Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: Organization chaotic -  
sperrn metamorphosing throughout  
tubules



No. 4-35

Date 6/5/48

Spermatogenic Condition Good

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	54	178.2	7 - 23.1
2	48	158.4	8 26.4
3	42	138.6	11 36.3
4	42	138.6	6 19.8
5	35	115.5	10 33.0
6	42	138.6	10 33.0
7	38	125.4	10 33.0
8	51	168.3	9 29.7
9	40	132.0	8 26.4
10	48	158.4	12 39.4
T		1452.0	300.3
$\bar{x}$		145.2	30.0

Sertoli Cells: seen

Remarks:



No. 4-36

Date 4/5/9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57	188.1	10 33.0
2	43	141.9	9 29.7
3	40	132.0	5 16.5
4	39	128.7	7 23.1
5	39	128.7	8 26.4
6	46	157.8	10 33.0
7	57	188.1	9 29.7
8	57	188.1	11 36.3
9	43	141.9	8 26.4
10	48	158.4	11 36.3
T		1547.7	290.4
$\bar{x}$		154.8	29.0

Sertoli Cells: seen

Remarks:



No. 4-37 Date 11/59  
 Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25	82.5	
2	22	72.6	
3	23	75.9	
4	30	99.0	
5	21	69.3	
6	25	82.5	
7	26	85.8	
8	24	79.2	
9	24	79.2	
10	22	72.6	
T		798.4	
$\bar{x}$		79.9	

Sertoli Cells: seen

Remarks:

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No. 4-39 Date VI/6/59

Spermatogenic Condition 2 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15 99.5	
2		12 39.4	
3		14 16.2	
4		13 42.9	
5		12 39.6	
6		13 42.9	
7		12 39.6	
8		13 42.9	
9		17 52.1	
10		13 42.9	
T		442.2	
$\bar{x}$		44.2	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-42 Date 8/15/59  
 Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	24	79.2	
2	25	82.5	
3	21	69.3	
4	19	62.7	
5	23	75.9	
6	24	79.2	
7	23	75.9	
8	21	69.3	
9	25	82.5	
10	19	62.7	
T		739.2	
$\bar{x}$		73.9	

Sertoli Cells: Seen  
 Remarks: very elongated Sertoli cell  
nuclei



No. 4-43 Date 6/6/59  
 Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 - 122.1	
2	27 89.1	
3	24 85.8	
4	33 108.9	
5	22 72.4	
6	23 75.9	
7	24 85.8	
8	29 95.7	
9	23 75.9	
10	29 95.7	
T	907.5	
$\bar{x}$	90.8	

Sertoli Cells: seen

Remarks:

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No. 4744 Date 6/1/59  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		63 - 207.9	
2		42 138.6	
3		48 158.4	
4		37 122.1	
5		40 132.0	
6		60 198.0	
7		45 - 148.5	
8		53 174.9	
9		50 165.0	
10		47 155.1	
T		1600.5	
$\bar{x}$		160.0	

Sertoli Cells: seen

Remarks:

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No. 4-46 Date 8/11/59

Spermatogenic Condition position 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19 62.7	
2		19 62.7	
3		25 82.5	
4		21 69.3	
5		21 69.3	
6		22 72.6	
7		23 75.9	
8		18 59.4	
9		20 66.0	
10		20 66.0	
T		686.4	
$\bar{x}$		68.6	

Sertoli Cells: seen

Remarks:



No. 4-50 Date 11/11/59

Spermatogenic Condition 2 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37 - 122.1	
2	49	161.7	
3	49	161.7	
4	47	155.1	
5	48	158.4	
6	42	138.4	
7	44	145.2	
8	48	158.4	
9	59	194.7	
10	59	194.7	
T		15-90.6	
$\bar{x}$		159.1	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-53

Date 06/11/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30	132.0	
2	31	102.3	
3	31	102.3	
4	28	92.4	
5	28	92.4	
6	37	122.1	
7	35	115.5	
8	39	128.7	
9	36	118.8	
10	38	125.4	
T		1131.9	
$\bar{x}$		113.2	

Sertoli Cells: seen

Remarks:



No. 4-55 Date 11/15/59  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38 125.4	
2		36 118.8	
3		38 125.4	
4		39 128.7	
5		36 118.8	
6		41 135.3	
7		45 148.5	
8		36 118.8	
9		38 125.4	
10		48 158.4	
T		1303.5	
$\bar{x}$		130.4	

Sertoli Cells: seen

Remarks:

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No. 4-534 Date 1/16/59

Spermatogenic Condition Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		30 99.0	
2		43 141.9	
3		27 89.1	
4		32 105.4	
5		31 102.3	
6		29 95.7	
7		24 79.2	
8		25 82.5	
9		25 82.5	
10		30 99.0	
T		976.8	
$\bar{x}$		97.7	

Sertoli Cells: seen

Remarks:

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No. 4-57 Date 11/59  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29	95.7
2	32	105.6
3	28	92.4
4	29	95.7
5	27	89.1
6	29	95.7
7	24	85.8
8	27	89.1
9	32	105.6
10	30	99.0
T		953.7
$\bar{x}$		95.4

Sertoli Cells: seen

Remarks:

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No. 4-2.8

Date 1/1/59

9

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29	95.7	
2	27	89.1	
3	30	99.0	
4	27	89.1	
5	29	95.7	
6	28	92.4	
7	30	99.0	
8	26	85.8	
9	25	82.5	
10	25	82.5	
T		910.8	
$\bar{x}$		91.1	

Sertoli Cells: seen

Remarks:



No. 4-60 Date 11/5/9

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 132.0	
2		43 141.9	
3		42 138.6	
4		50 165.0	
5		44 145.2	
6		43 141.9	
7		37 122.1	
8		52 171.6	
9		45 148.5	
10		42 138.6	
		43 141.9	
T		1587.3	
$\bar{x}$		144.3	

Sertoli Cells: seen

Remarks:



No. 4-61 Date 10/11/59

Spermatogenetic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		25 82.5	
2	19	62.7	
3	25	82.5	
4	23	75.9	
5	22	72.4	
6	19	62.7	
7	17	56.1	
8	27	89.1	
9	22	72.6	
10	26	85.8	
T		742.5	
$\bar{x}$		74.2	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-62 Date 1/11/59

Spermatogenic Condition 2 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 161.7	
2		57 168.3	
3		38 125.4	
4		57 168.3	
5		43 141.9	
6		38 125.4	
7		43 141.9	
8		39 128.7	
9		54 178.2	
10		49 161.7	
T		1501.5	
$\bar{x}$		150.2	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-65 Date 18/5/9  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 - 148.5	
2		44 145.2	
3		52 171.6	
4		40 132.0	
5		45 - 148.5	
6		48 158.4	
7		41 135.3	
8		40 132.0	
9		32 105.6	
10		50 145.0	
T		1432.1	
$\bar{x}$		143.2	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-4.4 Date 10/59

Spermatogenic Condition grit in

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42	138.6
2		46	157.8
3		38	125.4
4		40	132.0
5		46	151.8
6		38	125.4
7		45	148.5
8		45	148.5
9		50	165.0
10		34	112.2
T			1399.2
$\bar{x}$			139.9

Sertoli Cells: seen

Remarks:



No. 4-6.8

Date 18/5/9

9

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34	112.2	
2	36	118.8	
3	40	132.0	
4	42	138.6	
5	31	102.3	
6	43	141.9	
7	37	122.1	
8	43	141.9	
9	39	128.7	
10	41	135.3	
T		1273.8	
$\bar{x}$		127.4	

Sertoli Cells: seen

Remarks:



No. 51-609 Date 18/5/9  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 148.5	
2		37 122.1	
3		57 188.1	
4		41 135.3	
5		58 191.4	
6		64 211.2	
7		48 158.4	
8		52 171.6	
9		45 148.5	
10		55 181.5	
T		1656.6	
$\bar{x}$		165.7	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-70 Date 18/5/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45	148.5
2		46	157.8
3		40	132.0
4		40	132.0
5		46	151.8
6		43	141.9
7		41	135.3
8		52	171.6
9		45	148.5
10		57	188.1
T			1501.5
$\bar{x}$			150.2

Sertoli Cells: seen

Remarks:



No. 472 Date 18/5/9  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39	128.7	
2	48	158.4	
3	43	141.9	
4	48	158.4	
5	42	138.6	
6	39	128.7	
7	47	155.1	
8	39	128.7	
9	39	128.7	
10	40	132.0	
T		1399.2	
$\bar{x}$		139.9	

Sertoli Cells: seen

Remarks:

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No. 475 Date 10/5/59

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39 - 128.7	
2	35 115.5	
3	34 112.2	
4	36 118.8	
5	33 108.9	
6	52 165.0	
7	47 155.1	
8	34 112.2	
9	47 155.1	
10	34 112.2	
T	1283.7	
$\bar{x}$	128.4	

Sertoli Cells: seen

Remarks:

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No. 477 Date 18/59

Spermatogenic Condition ritten 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		36	118.8
2		36	118.8
3		50	165.0
4		48	158.4
5		43	141.9
6		48	158.4
7		45	148.5
8		37	122.1
9		50	165.0
10		32	105.6
T			1402.5
$\bar{x}$			140.2

Sertoli Cells: seen

Remarks:



No. 4-78

Date 1X/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1	41 135.3	
2	59 128.7	
3	52 171.6	
4	57 168.3	
5	45 148.5	
6	48 158.4	
7	49 161.7	
8	44 145.2	
9	52 171.6	
10	54 184.8	
T	1574.1	
$\bar{x}$	157.4	

Sertoli Cells: seen

Remarks:



No. 4-79 Date 1X/59Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30	99.0
2	30	99.0
3	24	79.2
4	34	112.2
5	30	99.0
6	29	95.7
7	34	112.2
8	27	89.1
9	28	92.4
10	35	115.5
T	993.3	
$\bar{x}$	99.3	

Sertoli Cells: seen

Remarks:



No. 4-82Date 5/60Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <u>(v)</u>	Seminiferous epith. height
1		70 - 231.0	10 33.0
2		65 214.5	10 33.0
3		52 171.4	12 39.6
4		71 234.3	11 36.3
5		54 178.2	15 - 49.5
6		69 227.7	10 33.0
7		66 217.8	13 42.9
8		58 191.4	10 33.0
9		71 234.3	16 52.8
10		74 244.2	10 33.0
T		2145.0	386.1
$\bar{x}$		214.5	38.6

Sertoli Cells: seen

Remarks:



No. 4-86 Date 1/60Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1	83	273.9	17 - 56.1
2	59	194.7	12 39.6
3	65	214.5	14 52.8
4	64	211.2	11 36.3
5	73	240.9	15 - 49.5
6	63	207.9	14 46.2
7	75	247.5	12 39.6
8	74	250.8	12 39.6
9	68	201.3	16 52.8
10	52	171.6	19 62.7
T		2214.3	4175.2
$\bar{x}$		221.4	47.5

Sertoli Cells: seen

Remarks:

 $E = 33.0 \mu$ 

④



No. 457

Date 8/11/60

Spermatogenic Condition

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	23 75.9	
3	23 75.9	
4	19 62.7	
5	19 62.7	
6	24 79.2	
7	22 72.6	
8	24 79.2	
9	27 89.1	
10	21 69.3	
T	739.2	
$\bar{x}$	73.9	

Sertoli Cells: Seen

Remarks:



No. 4-88

Date 7/11/60

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	27	89.1
2	23	75.9
3	24	79.2
4	26	85.8
5	23	75.9
6	26	85.8
7	20	66.0
8	23	75.9
9	24	79.2
10	27	89.1
T		801.9
$\bar{x}$		80.2

Sertoli Cells: seen

Remarks: large nucleated cells  
in accessory gland (?) present



No. 4-90

Date 6/11/60

Spermatogenic Condition

9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29	89.1
2	31	102.3
3	28	92.4
4	35	115.5
5	32	105.6
6	30	99.0
7	34	112.2
8	34	112.2
9	35	115.5
10	27	89.1
T		1032.9
$\bar{x}$		103.3

Sertoli Cells: seen

Remarks:



No. 4-91 Date VII/60Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40	132.0
2	37	122.1
3	34	112.2
4	37	122.1
5	34	112.2
6	44	145.2
7	37	122.1
8	43	141.9
9	42	138.6
10	34	118.8
T		1267.2
$\bar{x}$		126.7

Sertoli Cells: seen

Remarks:



No. 4-102

Date VII/60

Spermatogenic Condition

9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	18	59.4
2	19	62.7
3	20	66.0
4	17	56.1
5	20	66.0
6	21	69.3
7	17	56.1
8	17	56.1
9	17	56.1
10	19	62.7
T	610.5	
$\bar{x}$	61.0	

Sertoli Cells: seen

Remarks:



No. 4-104

Date 10/61

3

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		42 - 138.6	20 - 66.0
2		44 145.2	18 59.4
3		41 135.3	10 33.0
4		39 128.7	15 49.5
5		51 168.3	13 42.9
6		43 141.9	16 52.8
7		51 168.3	21 69.3
8		44 145.2	13 42.9
9		44 145.2	15 49.5
10		48 158.4	13 42.9
T		1475.1	508.2
$\bar{x}$		147.5	50.8

Sertoli Cells: seen

Remarks: holes in middle of  
tissue; peripheral tubules still  
9



No. 4-106

Date 10/61

Spermatogenic Condition

(2)

5-

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 - 181.5	18 59.4
2		45 - 148.5	11 36.3
3		58 165.0	13 42.9
4		63 207.9	18 59.4
5		43 141.9	13 42.9
6		49 161.7	18 59.4
7		63 207.9	17 54.1
8		46 151.8	15 49.5
9		44 145.2	10 33.0
10		46 151.8	12 39.6
T		1663.2	478.5
$\bar{x}$		166.3	47.8

Sertoli Cells: seen

Remarks:



No. 4-107

Date 10/41

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		47 155.1	20 66.0
2		54 178.2	22 72.4
3		57 148.3	21 69.3
4		52 184.8	18 59.4
5		48 158.1	18 59.4
6		58 191.4	16 52.8
7		58 191.4	18 59.4
8		48 158.4	20 66.0
9		54 178.2	23 75.9
10		55 181.5	18 59.4
T		1745.7	640.2
$\bar{x}$		174.6	64.0

Sertoli Cells: seen

Remarks:



No. 4-109 Date 10/61Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	76	250.8
2	62	204.4
3	53	174.9
4	54	178.2
5	1,3	207.9
6	66	217.8
7	46	151.8
8	55	181.5
9	54	184.8
10	57	168.3
T		1920.6
$\bar{x}$		192.1
		660.0
		66.0

Sertoli Cells: seen

Remarks:



No. 4-112 Date 10/61

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		62 204.6	20 - 66.0
2		60 198.0	21 69.3
3		56 184.8	18 59.4
4		59 194.7	16 52.8
5		70 231.0	29 95.7
6		58 191.4	17 52.1
7		58 191.4	21 69.3
8		55 181.5	18 59.4
9		47 155.1	15 49.5
10		47 155.1	15 49.5
T		1887.6	627.0
$\bar{x}$		188.8	62.7

Sertoli Cells: seen

Remarks:

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No. 4-113Date 10/6/61Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.4	12 39.6
2	59 194.7	16 52.8
3	52 184.8	25 82.5
4	49 161.7	14 46.2
5	55 181.5	16 52.8
6	54 178.2	25 82.5
7	52 184.8	20 66.0
8	60 198.0	17 56.1
9	52 165.0	18 57.4
10	57 186.1	19 62.7
T	1808.4	600.4
$\bar{x}$	180.8	60.1

Sertoli Cells: seen

Remarks:



No. 4-114 Date 10/61Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <u>②</u>	Seminiferous epith. height
1		72 - 237.6	21 69.3
2		52 171.6	15 49.5
3		62 204.6	18 57.4
4		61 201.3	19 62.7
5		55 181.5	14 46.2
6		69 227.7	18 57.4
7		62 204.6	25 82.5
8		67 221.1	23 75.9
9		69 227.7	22 72.6
10		59 194.7	17 56.1
T		2072.4	633.6
$\bar{x}$		207.2	63.4

Sertoli Cells: seen

Remarks:



No. 4-115Date 10/61Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <u>(2)</u>	Seminiferous epith. height
1		57 - 188.1	15 - 49.5
2		53 174.9	15 - 49.5
3		46 151.8	15 - 49.5
4		52 184.8	17 56.1
5		65 214.5	14 46.2
6		49 161.7	18 59.4
7		59 194.7	15 - 49.5
8		60 198.0	20 66.0
9		54 184.8	15 - 49.5
10		59 194.7	18 59.4
T		1848.0	554.6
$\bar{x}$		184.8	53.5

Sertoli Cells: seen

Remarks:



No. 4-116Date 10/6/1

Spermatogenic Condition

3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46	151.8	18 - 59.4
2	61	201.3	26 85.8
3	41	135.3	15 49.5
4	57	188.1	19 62.7
5	47	155.1	19 62.7
6	51	168.3	12 39.4
7	47	155.1	18 59.4
8	45	148.5	17 56.1
9	70	231.0	23 75.9
10	60	198.0	22 72.6
T		1732.5	622.8
$\bar{x}$		173.2	62.3

Sertoli Cells: seen

Remarks:



No. 4-118

Date 10/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		69 227.7	19 62.7
2		71 234.3	20 66.0
3		82 270.6	22 72.6
4		67 221.1	12 39.6
5		59 194.7	11 36.3
6		52 184.8	15 49.5
7		64 211.2	21 69.3
8		57 188.1	20 66.0
9		57 188.1	20 66.0
10		71 234.3	20 66.0
T		2054.9	594.0
$\bar{x}$		205.5	59.4

Sertoli Cells: seen

Remarks:



No. 4-119

Date 14/4/1

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	73 240.9	16 - 52.8
2	60 198.0	14 46.2
3	59 194.7	15 49.5
4	58 191.4	15 49.5
5	74 250.8	15 49.5
6	75 247.5	11 36.3
7	78 257.4	19 62.7
8	62 204.6	20 66.0
9	54 178.2	20 66.0
10	64 211.2	20 66.0
T	2174.7	544.5
$\bar{x}$	217.5	54.4

Sertoli Cells: seen

Remarks:



No. 4-121Date 10/61Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	64	211.2	14 - 46.2
2	51	168.3	15 - 49.5
3	52	171.6	11 36.3
4	67	221.1	23 75.9
5	55	181.5	10 33.0
6	53	174.9	16 52.8
7	51	168.3	10 33.0
8	80	264.0	12 39.6
9	63	207.9	15 - 49.5
10	62	204.6	14 46.2
T		1973.4	462.0
$\bar{x}$		197.3	46.2

Sertoli Cells: Alen

Remarks:



No. 4-122

Date 10/6/1

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45	148.5	10 33.0
2	61	201.3	12 39.6
3	47	155.1	14 46.2
4			
5			
6			
7			
8			
9			
10			
T		504.9	118.8
$\bar{x}$		168.3	39.6

Sertoli Cells: seen

Remarks: tissue shredded



No. 4-123 Date 10/6/1  
 Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <sup>(2)</sup>	Seminiferous epith. height
1		68.3 224.4	20 66.0
2		60 198.0	12 39.6
3		101 333.3	22 72.6
4			
5			
6			
7			
8			
9			
10			
T		755.7	178.2
$\bar{x}$		251.9	59.4

Sertoli Cells: seen

Remarks: tissue shredded



No. 4-124 Date 10/6/61Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	84 - 277.2	12 39.6
2	47 155.1	12 39.6
3		
4		
5		
6		
7		
8		
9		
10		
T	432.3	
$\bar{x}$	216.2	39.6

Sertoli Cells: seenRemarks: tissue shredded



No. 9-125

Date 14/6/61

Spermatogenic Condition

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 - 191.4	11 - 36.3
2		60 198.0	14 46.2
3		72 237.6	18 59.4
4		72 237.6	17 52.1
5		54 178.2	14 46.2
6		57 188.1	13 42.9
7		54 178.2	14 46.2
8		65 214.5	14 46.2
9		50 165.0	13 42.9
10		72 237.6	14 46.2
T		2026.2	468.6
$\bar{x}$		202.6	46.9

Sertoli Cells: seen

Remarks:



No. 4-126 Date 10/6/61

Spermatogenic Condition ~~4~~ 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 191.4	14 - 46.2
2		53 174.9	12 39.6
3		55 181.5	11 36.3
4		73 240.9	16 52.8
5		44 145.2	9 25.7
6		46 151.8	11 36.3
7			
8			
9			
10			
T		1085.7	240.9
$\bar{x}$		181.0	40.2

Sertoli Cells: seenRemarks: tissue in poor condition



No. 4-132 Date 8/6/1Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		51 168.3	15 - 49.5
2		52 171.4	10 33.0
3		39 128.7	10 33.0
4		53 174.9	8 26.4
5		58 165.0	17 56.1
6		51 168.3	10 33.0
7		52 171.4	9 29.7
8		39 128.7	12 39.4
9			
10			
T		1277.1	300.3
$\bar{x}$		159.6 <del>122.7</del>	37.5

Sertoli Cells:

Remarks: poor slide



No. 4-133 Date 1/61Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <sup>(2)</sup>	Seminiferous epith. height
1		55 181.5	15 49.5
2		51 168.3	14 46.2
3		49 161.7	12 39.6
4		46 151.8	10 33.0
5		49 141.7	12 39.6
6		63 207.9	12 39.6
7		57 188.1	9 29.7
8		48 158.4	11 36.3
9		52 171.6	12 39.6
10		49 161.7	12 39.6
T		1712.7	392.7
$\bar{x}$		171.3	39.3

Sertoli Cells: seen

Remarks:

 $E = 30.3$  <sup>(4)</sup>



No. 4-134 Date 4/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ?	Seminiferous epith. height
1	76 250.8	14 - 52.8
2	55 181.5	9 29.7
3	60 198.0	20 66.0
4	61 201.3	20 66.0
5	51 168.3	15 49.5
6	69 227.7	10 33.0
7		
8		
9		
10		
T	1227.6	297.0
$\bar{x}$	204.6	49.5

Sertoli Cells: seen

Remarks: poor slide



No. 4-135 Date 1/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: tissue shredded



No. 4-134

Date 1/61

Spermatogenic Condition

6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	10 - 33.0
2	44 145.2	14 46.2
3	42 138.6	15 49.5
4	46 151.8	9 29.7
5	51 168.3	9 29.7
6	47 155.1	12 39.6
7	48 158.4	17 57.1
8	44 145.2	8 26.4
9	45 148.5	13 42.9
10	48 158.4	11 36.3
T	1527.9	589.4
$\bar{x}$	152.8	38.9

Sertoli Cells: seen

Remarks:



No. 4-137

Date 1/6/1

6

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1	69 - 227.7	10 33.0
2	48 158.4	10 33.0
3	57 188.1	14 52.8
4	48 158.4	13 42.9
5	41 135.3	17 50.1
6	62 204.6	15 49.5
7	48 158.4	10 33.0
8	44 145.2	11 36.3
9	57 168.3	11 36.3
10	50 165.0	15 49.5
T	1709.4	4122.4
$\bar{x}$	170.9	42.2

Sertoli Cells: seen

Remarks:



No. 4-138 Date 1/6/1  
 Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 148.5	12 - 39.6
2	35 115.5	11 36.3
3	53 174.9	10 33.0
4	70 231.0	10 33.0
5	44 145.2	13 42.9
6	55 181.5	15 - 49.5
7	75 247.5	14 46.2
8	51 168.3	10 33.0
9	56 184.8	12 39.6
10	54 178.2	13 42.9
T	1775.4	396.0
$\bar{x}$	177.5	39.6

Sertoli Cells: seen

Remarks:

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$E = 33.0 \mu$

(3)



No. 4-139

Date 1/6/1

6

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	60 198.0	13 - 42.9
2	58 165.0	13 42.9
3	53 174.9	16 52.8
4	49 161.7	8 26.4
5	59 194.7	10 33.0
6	58 191.4	10 33.0
7	70 231.0	14 46.2
8	70 231.0	15 49.5
9	61 201.3	12 39.6
10	54 178.2	16 52.8
T	1927.2	419.1
$\bar{x}$	192.7	41.9

Sertoli Cells: seen

Remarks:



No. 4-140

Date 1/61

Spermatogenic Condition

②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 174.9	12 39.6
2	57 168.3	14 46.2
3	49 161.7	8 26.4
4	45 148.5	17 52.1
5	52 184.8	15 49.5
6	44 211.2	11 36.3
7	51 168.3	8 26.4
8	57 188.1	16 52.8
9	45 148.5	13 42.9
10	41 135.3	10 33.0
T	168.9.6	408.2
$\bar{x}$	169.0	40.8

Sertoli Cells: seen

Remarks:



No. 4-141

Date 1/61

Spermatogenic Condition

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 - 171.6	16 - 52.8
2		48 158.4	9 29.7
3		55 - 181.5	12 39.4
4		58 191.4	14 46.2
5		53 174.9	8 26.4
6		69 227.7	15 - 49.5
7		55 - 181.5	11 36.3
8		46 151.8	6 19.8
9		54 178.2	12 39.6
10		51 168.3	10 33.0
T		1785.3	372.9
$\bar{x}$		178.5	37.3

Sertoli Cells: seen

Remarks:



No. 4-142

Date 4/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 178.2	8 26.4
2		65 214.5	14 46.2
3		55 181.5	8 26.4
4		44 145.2	13 42.9
5	60	14	
6	55	10	
7	49	10	
8	56	11	
9	61	12	
10	57	13	
T		719.4	1411.9
$\bar{x}$		179.8	35.5

Sertoli Cells: seenRemarks: poor slide



No. 4-143

Date 6/61

Spermatogenic Condition

60

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	64	211.2	11 - 36.3
2	68	224.4	7 23.1
3	60	198.0	14 46.2
4	55	181.5	10 33.0
5	49	161.7	10 33.0
6			36.3
7	54	184.8	11
8	61	201.3	12 38.6
9	57	188.1	13 42.9
10			
T		1551.0	290.4
$\bar{x}$		193.9	36.3

Sertoli Cells: seen

Remarks:



No. 4-144

Date 5/6/61

Spermatogenic Condition

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	(2) Seminiferous epith. height
1		48 - 158.4	10 33.0
2		56 184.8	10 33.0
3		53 174.9	9 29.7
4		60 198.0	13 42.9
5		52 184.8	10 33.0
6		45 148.5	10 33.0
7		49 161.7	11 36.3
8		49 161.7	13 42.9
9		45 148.5	11 36.3
10		61 201.3	15 49.5
T		1722.6	369.6
$\bar{x}$		172.3	37.0

Sertoli Cells: ~~not~~ seenRemarks: ~~pen slide~~



animal is supposed to be a ♀

No. 4-1579 Date 10/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63	207.9	16 - 33.0
2	59	194.7	13 42.9
3	57	188.1	9 29.7
4	44	145.2	8 26.4
5	59	194.7	10 33.0
6	63	207.9	12 39.6
7	64	211.2	10 33.0
8	63	207.9	16 52.8
9	70	231.0	14 46.2
10	45	148.5	9 29.7
T		1937.1	366.3
$\bar{x}$		193.7	36.6

Sertoli Cells: seen

Remarks:



No. 4161 Date 1/21Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34	112.2	11 - 36.3
2	44	145.2	10 33.0
3	48	158.4	11 36.3
4	43	141.9	7 23.1
5	35	115.5	9 29.7
6	45	148.5	10 33.0
7	41	135.3	10 33.0
8	38	125.4	7 23.1
9	44	145.2	7 23.1
10	35	115.5	10 33.0
T		1343.1	303.6
$\bar{x}$		134.3	30.4

Sertoli Cells: seen

Remarks:



No. 4-1641

Date 10/62

Spermatogenic Condition

5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	15 - 49.5
2	50 165.0	16 52.8
3	54 184.8	15 - 49.5
4	64 211.2	15 - 49.5
5	51 168.3	19 62.7
6	50 165.0	16 52.8
7	68 224.4	17 52.1
8	61 201.3	13 42.9
9	62 204.6	14 46.2
10	63 207.9	15 - 49.5
T	1914.0	511.5
$\bar{x}$	191.4	51.2

Sertoli Cells: none

Remarks:



No. 4-166

Date 10/62

Spermatogenic Condition

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Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	9 - 29.7
2	50 165.0	10 33.0
3	50 165.0	8 26.4
4	52 171.4	13 42.9
5	50 165.0	12 39.6
6	48 158.4	14 46.2
7	48 158.4	13 42.9
8	42 138.6	14 46.2
9	48 158.4	13 42.9
10	46 157.8	18 59.4
T	1580.7	409.2
$\bar{x}$	158.1	40.9

Sertoli Cells: seen

Remarks:

 $\bar{E} = 29.7 \mu$ 

O



No. 4-167

Date 14/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		41 - 135.3	15 - 49.5
2		38 125.4	11 36.3
3		53 174.9	9 29.7
4		43 141.9	11 36.3
5		55 181.5	18 59.4
6		48 158.4	14 46.2
7		44 145.2	17 52.1
8		42 138.6	10 33.0
9		49 161.7	16 52.8
10		48 158.4	11 36.3
T		1521.3	435.6
$\bar{x}$		152.1	43.6

Sertoli Cells: seen

Remarks:



No. 4-170

Date 10/62

Spermatogenic Condition

61

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 141.9	13 42.9
2		50 165.0	13 42.9
3		50 165.0	18 59.4
4		47 155.1	12 39.4
5			
6			
7			
8			
9			
10			
T		627.0	184.8
$\bar{x}$		156.8	46.2

Sertoli Cells: seenRemarks: horrible tissue



No. 4-173 Date 10/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. <sup>(1)</sup>	Seminiferous epith. height
1	45 - 148.5	11 - 36.3
2	45 - 148.5	12 39.6
3	46 151.8	11 36.3
4	37 122.1	14 46.2
5	50 165.0	15 - 49.5
6	43 141.9	10 33.0
7	54 178.2	11 36.3
8	48 158.4	18 59.4
9	36 118.8	9 29.7
10	45 - 148.5	11 36.3
T	1481.7	402.4
$\bar{x}$	148.2	40.3

Sertoli Cells: seen

Remarks:



No. 4-174 Date 8/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	13 - 42.9
2	47 155.1	12 39.6
3	57 188.1	17 52.1
4	67 221.1	13 42.9
5	65 214.5	12 39.6
6	68 224.4	15 49.5
7	70 231.0	9 29.7
8	60 198.0	8 26.4
9	55 181.5	16 52.8
10	63 207.9	14 46.2
T	1993.2	425.7
$\bar{x}$	199.3	42.6

Sertoli Cells: seen

Remarks:



No. 4-175 Date 6/62Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	14 - 46.2
2	38 125.4	6 19.8
3	38 125.4	9 29.7
4	40 132.0	7 23.1
5	41 135.3	8 26.4
6		
7		
8		
9		
10		
T	653.4	145.2
$\bar{x}$	130.7	29.0

Sertoli Cells: seenRemarks: per slide



No. 4-176

Date 6/62

Spermatogenic Condition

6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	44 - 145.2	10 33.0
2	52 171.6	13 42.9
3	43 141.9	9 29.7
4	53 174.9	13 42.9
5	44 145.2	14 46.2
6	45 - 148.5	17 52.1
7	44 145.2	15 - 49.5
8	53 174.9	15 - 49.5
9		
10		
T	1247.4	349.8
$\bar{x}$	155.9	43.7

Sertoli Cells: seenRemarks: on slide $\bar{E} = 36.3 \mu$ 

(2)



No. 4-177

Date 1/62

Spermatogenic Condition

6

②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	9 29.7
2	56 184.8	15 49.5
3	57 168.3	9 29.7
4	47 155.1	14 46.2
5	45 148.5	14 46.2
6	54 178.2	14 46.2
7	51 168.3	8 26.4
8	66 217.8	16 52.8
9	55 181.5	17 50.1
10	44 145.2	11 36.3
T	1729.2	4191
$\bar{x}$	172.9	41.9

Sertoli Cells: seen

Remarks: good slide



No. 4-178 Date 5/62Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77 - 254.1	9 29.7
2		58 191.4	8 26.4
3		47 155.1	9 29.7
4		49 161.7	10 33.0
5		55 181.5	16 52.8
6		59 194.7	13 42.9
7		47 155.1	9 29.7
8		58 191.4	15 49.5
9		49 161.7	6 19.8
10		54 178.2	9 29.7
T		1824.9	343.2
$\bar{x}$		182.5	34.3

Sertoli Cells: seen

Remarks:



No. 4-180

Date 5/62

Spermatogenic Condition

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		62 - 204.6	13 - 42.9
2		65 214.5	15 49.5
3		63 207.9	18 59.4
4		57 188.1	20 66.0
5		70 231.0	20 66.0
6		59 194.7	13 42.9
7		62 204.6	17 56.1
8		1.2 204.6	17 56.1
9		52 171.6	15 49.5
10		74 244.2	13 42.9
T		2065.8	531.3
$\bar{x}$		206.6	53.1

Sertoli Cells: seen

Remarks:



No. 4-181

Date 1/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 174.9	10 - 33.0
2		60 198.0	14 46.2
3		59 194.7	20 46.0
4		50 165.0	14 46.2
5		53 174.9	11 36.3
6		55 181.5	12 39.6
7		59 194.7	10 33.0
8		52 171.6	11 34.3
9		64 211.2	20 46.0
10		56 184.8	14 52.8
T		1851.3	455.4
$\bar{x}$		185.1	45.5

Sertoli Cells: seen

Remarks:



No. 4-183

Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	12 - 39.6
2	50	165.0	10 33.0
3	41	135.3	15 - 49.5
4	59	194.7	17 56.1
5	65	214.5	20 66.0
6	61	201.3	15 - 49.5
7	46	157.8	14 46.2
8	50	165.0	12 39.6
9	59	194.7	12 39.6
10	57	188.1	21 69.3
T		1775.4	488.4
$\bar{x}$		177.5	48.8

Sertoli Cells: seen

Remarks:



No. 4-184

Date 8/6/2

Spermatogenic Condition within

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42	138.6	9 29.7
2	49	141.7	7 23.1
3	59	194.7	11 36.3
4	53	174.9	10 33.0
5	43	141.9	8 26.4
6	58	191.4	13 42.9
7	57	188.1	13 42.9
8	55	181.5	9 29.7
9	50	165.0	14 52.8
10	50	165.0	12 39.6
T		1702.8	356.4
$\bar{x}$		170.3	35.6

Sertoli Cells: seen

Remarks:



No. 4-187Date 6/6/2Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	60	198.0	15 - 49.5
2	59	194.7	17 56.1
3	65	214.5	22 72.6
4	62	204.6	21 69.3
5	64	211.2	15 - 49.5
6	58	191.4	17 56.1
7	69	227.7	18 59.4
8	61	201.3	12 39.6
9	59	194.7	11 36.3
10	60	198.0	13 42.9
T		2036.1	531.3
$\bar{x}$		203.6	53.1

Sertoli Cells: seen

Remarks:



No. 4-189

Date 4/62

6

Spermatogenic Condition Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63	207.9	15 - 49.5
2	60	198.0	10 33.0
3	48	158.4	9 29.7
4	56	184.8	12 39.6
5	55	181.5	18 59.4
6	55	181.5	10 33.0
7	48	158.4	11 36.3
8	64	211.2	16 52.8
9	55	181.5	14 46.2
10	48	158.4	10 33.0
T		1821.6	412.5
$\bar{x}$		182.2	41.2

Sertoli Cells: seenRemarks: large intertubular spaces,



No. 4-194

Date 6/62

6

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65	214.5	21 - 69.3
2	62	204.6	20 66.0
3	56	184.8	12 39.6
4	58	191.4	15 49.5
5	65	214.5	15 49.5
6	57	188.1	9 29.7
7	60	198.0	15 49.5
8	65	214.5	12 39.6
9	65	214.5	15 49.5
10	61	201.3	15 49.5
T		2026.2	4191.7
$\bar{x}$		202.6	49.2

Sertoli Cells: seen

Remarks:



No. 4-195Date 1/6/2Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49	161.7	11 - 36.3
2	42	138.4	9 29.7
3	47	155.1	13 42.9
4	62	204.6	11 36.3
5	52	171.6	13 42.9
6	65	214.5	13 42.9
7	44	211.2	13 42.9
8	50	165.0	10 33.0
9	55	181.5	9 29.7
10	55	181.5	11 36.3
T		1785.3	372.9
$\bar{x}$		178.5	37.3

Sertoli Cells: seen

Remarks: \_\_\_\_\_

 $E = 26.4 \mu$ 

(4)



No. 4-194 Date 11/62

Spermatogenic Condition within 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 - 171.6	10 - 33.0
2		48 158.4	15 49.5
3		49 161.7	13 42.9
4		37 122.1	8 26.4
5		48 158.4	9 29.7
6		49 161.7	15 49.5
7		57 188.1	14 46.2
8		52 171.6	8 26.4
9		48 158.4	8 26.4
10		59 194.7	12 39.6
T		1646.7	369.4
$\bar{x}$		164.7	37.0

Sertoli Cells: seen

Remarks:

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No. 4-197

Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50	165.0	15 - 49.5
2	48	158.4	11 36.3
3	48	158.4	17 52.1
4	50	165.0	10 33.0
5	54	178.2	10 33.0
6	55	181.5	12 39.6
7	50	165.0	15 - 49.5
8	45	148.5	13 42.9
9	44	151.8	10 33.0
10	53	174.9	10 33.0
T		1646.7	405.9
$\bar{x}$		164.7	40.6

Sertoli Cells: seen

Remarks:



No. 4-199Date 5/62Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	67	221.1	13 - 42.9
2	60	198.0	11 36.3
3	55	181.5	12 39.6
4	50	165.0	11 36.3
5	48	158.4	17 56.1
6	67	221.1	14 46.2
7	58	191.1	11 36.3
8	66	217.8	14 46.2
9	75	247.5	13 42.9
10	59	194.7	10 33.0
T		1996.5	415.8
$\bar{x}$		199.6	41.6

Sertoli Cells: seen

Remarks:



No. 4-200

Date 4/62

Spermatogenic Condition 7

6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	12 - 39.6
2	52	171.4	10 33.0
3	53	174.9	10 33.0
4	40	132.0	11 36.3
5	37	122.1	6 19.8
6	40	132.0	11 36.3
7	46	151.8	14 46.2
8	50	165.0	12 39.6
9	60	198.0	12 39.6
10	47	155.1	14 46.2
T	1577.4		369.6
$\bar{x}$	157.7		37.0

Sertoli Cells: seen

Remarks:



No. 4-202

Date 4/6/2

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	7 Seminiferous epith. height
1	64	211.2	11 - 36.3
2	54	178.2	17 52.1
3	51	168.3	13 42.9
4	47	155.1	11 36.3
5	49	141.7	12 39.6
6	62	204.4	14 46.2
7	58	191.4	15 49.5
8	60	198.0	16 52.8
9	55	181.5	11 36.3
10	65	214.5	12 39.6
T		1864.5	434.6
$\bar{x}$		186.4	43.5

Sertoli Cells: seen

Remarks:

$$E = 29.7 \mu$$

(3)



No. 4-207

Date 4/6/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	64	211.2	12 - 39.6
2	63	207.9	9 29.7
3	65	214.5	13 42.9
4	63	207.9	9 29.7
5	72	237.6	15 49.5
6	74	244.2	13 42.9
7	70	231.0	12 39.6
8	65	214.5	13 42.9
9	54	178.2	16 52.8
10	59	194.7	13 42.9
T		2141.7	412.5
$\bar{x}$		214.2	41.2

Sertoli Cells: seenRemarks: tissue folded, broken



No. 4-209 Date 10/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		62 - 204.6	9 - 29.7
2	51	168.3	14 44.2
3	39	128.7	13 42.9
4	45	148.5	9 29.7
5	62	204.6	14 52.8
6	46	157.8	13 42.9
7	50	165.0	15 49.5
8	42	138.6	10 33.0
9	53	174.9	10 33.0
10	44	145.2	13 42.9
T		1630.2	402.6
$\bar{x}$		163.0	40.3

Sertoli Cells: seen

Remarks:

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No. 4-213

Date 11/62

6

Spermatogenic Condition within

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	59 - 194.7	15 49.5
2	46 151.8	17 56.1
3	51 168.3	11 36.3
4	48 158.4	15 49.5
5	48 158.4	16 52.8
6	60 198.0	18 59.4
7	58 191.4	16 52.8
8		
9		
10		
T	1221.0	356.4
$\bar{x}$	174.4	50.9

Sertoli Cells: seenRemarks: tissue shredded



animal supposed to be a ♀

No. 4-214

Date 4/6/62

Spermatogenic Condition rating 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	② Seminiferous epith. height
1	52 - 171.6	14 46.2
2	45 148.5	13 42.9
3	41 135.3	12 39.6
4	37 122.1	8 26.4
5	52 171.6	14 46.2
6	42 138.4	14 46.2
7	44 145.2	8 26.4
8	41 135.3	12 39.6
9	50 165.0	11 36.3
10	45 148.5	7 23.1
T	1481.7	372.9
$\bar{x}$	148.2	37.3

Sertoli Cells: seen

Remarks: good slide



No. 4-214

Date 1/22/2

Spermatogenetic Condition Rating

(2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46	157.8	10 - 33.0
2	53	174.9	15 - 49.5
3	49	161.7	13 - 42.9
4	52	171.6	11 - 36.3
5	40	132.0	11 - 36.3
6	52	184.8	11 - 36.3
7	55	181.5	14 - 46.2
8	46	157.8	11 - 36.3
9	47	155.1	8 - 26.4
10	48	158.4	12 - 39.6
T		1623.4	382.8
$\bar{x}$		162.4	38.3

Sertoli Cells: seen

Remarks:

 $E = 29.7 \mu$ 

4



No. 4-219 Date 10/62

Spermatogenetic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	②	Seminiferous epith. height
1	58	191.4	13	42.9
2	50	165.0	11	36.3
3	60	198.0	9	29.7
4	39	128.7	10	33.0
5	42	138.6	10	33.0
6	37	122.1	11	36.3
7	37	122.1	11	36.3
8	38	125.4	10	33.0
9	52	184.8	13	42.9
10	38	125.4	10	33.0
T		1501.5		356.4
$\bar{x}$		150.2		35.6

Sertoli Cells: seen

Remarks: follicles in tissue



No. 4-221

Date 04/62

6

Spermatogenic Condition ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	9 - 29.7
2	43 141.9	6 19.8
3	45 148.5	13 42.9
4	58 191.4	12 39.6
5	53 174.9	13 42.9
6	43 141.9	7 23.1
7	28 92.4	8 26.4
8	49 161.7	10 33.0
9	46 157.8	10 33.0
10	52 171.6	10 33.0
T	1511.4	323.4
$\bar{x}$	151.1	32.3

Sertoli Cells: seen

Remarks:

 $E = 29.7 \mu$ 

(4)



No. 4222 Date 4/6/62  
 Spermatogenesis Condition 6 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45	148.5	11 - 36.3
2	43	141.9	10 33.0
3	46	157.8	20 66.0
4	45	148.5	7 23.1
5	52	184.8	10 33.0
6	57	188.1	14 46.2
7	47	155.1	10 33.0
8	44	145.2	10 33.0
9	54	178.2	11 36.3
10	43	141.9	10 33.0
T		1584.0	372.9
$\bar{x}$		158.4	37.3

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-223 Date 10/42

Spermatogenic Condition 2 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	14 - 46.2
2		37 122.1	10 33.0
3		46 157.8	11 36.3
4		57 168.3	14 46.2
5		54 178.2	10 33.0
6		50 165.0	9 29.7
7		59 194.7	10 33.0
8		46 151.8	6 19.8
9		43 141.9	10 33.0
10		50 165.0	13 42.9
T		1584.0	353.1
$\bar{x}$		158.4	35.3

Sertoli Cells: seen

Remarks:

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No. 4-224

Date 11/62

Spermatogenic Condition Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	8 26.4
2		43 141.9	8 26.4
3		45 148.5	10 33.0
4		60 198.0	15 49.5
5		50 165.0	13 42.9
6		52 171.6	13 42.9
7		54 178.2	14 46.2
8		48 158.4	7 23.1
9		46 151.8	13 42.9
10		47 155.1	15 - 49.5
T		1626.9	382.8
$\bar{x}$		162.7	38.3

Sertoli Cells: seenRemarks: large intertubular spaces



No. 4-225 Date 10/62

Spermatogenic Condition 2 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 101.7	16 - 52.8
2		54 178.2	14 46.2
3		48 158.4	8 26.4
4		42 138.4	13 42.9
5		58 191.4	14 46.2
6		54 178.2	14 46.2
7		59 194.7	11 36.3
8		50 165.0	14 46.2
9		47 153.1	10 33.0
10		54 178.2	17 56.1
T		1699.5	432.3
$\bar{x}$		170.0	43.2

Sertoli Cells: seen

Remarks:

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No. 4-228

Date 4/6/62

6

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		41 - 135.3	12 - 39.6
2		62 204.6	15 49.5
3		43 141.9	10 33.0
4		49 161.7	10 33.0
5		49 161.7	12 39.6
6		48 158.4	13 42.9
7		47 153.1	12 39.6
8		55 - 181.5	10 33.0
9		48 158.4	8 26.4
10		1458.4	336.6
T			
$\bar{x}$		162.1	37.4

Sertoli Cells: seen

Remarks:



No. 4-230 Date 11/62  
 Spermatogenic Condition 2 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 165.0	
2		40 132.0	
3		40 132.0	
4			
5			
6			
7			
8			
9			
10			
T		429.0	
$\bar{x}$		143.0	

Sertoli Cells: seen

Remarks: very small piece of testis

$$\bar{E} = 26.4 \mu$$

(4)



No. 4-232 Date 16/62

Spermatogenetic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	5 - 16.5	
2	55 - 181.5	7	23.1
3	48 158.4	8	26.4
4	51 168.3	11	36.3
5	40 132.0	8	26.4
6	43 141.9	6	19.8
7	46 157.8	12	39.4
8	46 151.8	10	33.0
9	39 125.7	8	26.4
10	43 141.9	10	33.0
T	1508.1		280.5
$\bar{x}$	150.8		28.0

Sertoli Cells: seen

Remarks: large intertubular spaces

$E = 36.34$

(3)



No. 4-233 Date 10/02

Spermatogenesis Condition 7 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 - 151.8	6 - 19.8
2		45 - 148.5	10 33.0
3		34 112.2	10 33.0
4		42 138.6	11 36.3
5		39 128.7	10 33.0
6		45 - 148.5	9 29.7
7		37 128.7	5 16.5
8		40 132.0	7 23.1
9		40 132.0	9 29.7
10		40 132.0	9 29.7
T		1353.0	283.8
$\bar{x}$		135.3	28.4

Sertoli Cells: seen

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

$E = 26.4 \mu$

(4)



No. 4-235Date 1/10/62Spermatogenic Condition: initial

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	0..	
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: noneRemarks: no testis $E = 26.4 \mu$ 3



No. 4-2.37

Date 1/16/62

## Spermatogenic Condition within

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		35-115.5	9 29.7
2		30 99.0	8 26.4
3		41 135.3	10 33.0
4		40 132.0	11 36.3
5		31 102.3	7 23.1
6		38 125.4	6 19.8
7		33 108.9	7 23.1
8		33 108.9	8 26.4
9		33 108.9	4 52.8
10		35-115.5	7 23.1
T		1151.7	293.7
$\bar{x}$		115.2	29.4

Sertoli Cells: seen

Remarks:



No. 4-238

Date 8/9/62

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	14	46.2	
2	16	52.8	
3	17	56.1	
4	18	59.4	
5	16	52.8	
6	16	52.8	
7	17	56.1	
8	16	52.8	
9	17	56.1	
10	15	49.5	
T		534.6	
$\bar{x}$		53.5	

Sertoli Cells: seen

Remarks:



No. 4-240

Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		38 - 125.4	10 33.0
2		40 132.0	4 19.8
3		40 132.0	10 33.0
4		42 138.6	11 36.3
5		52 184.8	10 33.0
6		43 141.9	13 42.9
7		41 135.3	9 29.7
8		45 148.5	9 29.7
9		45 148.5	10 33.0
10		44 145.2	7 23.1
T		1432.2	313.5
$\bar{x}$		193.2	31.4

Sertoli Cells: seen

Remarks:



No. 4-241

Date 6/62

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 112.2	9 29.7
2		36 118.8	7 23.1
3		34 112.2	6 19.8
4		22 72.6	4 19.8
5			
6			
7			
8			
9			
10			
T		2115.8	92.4
$\bar{x}$		104.0	23.1

Sertoli Cells: seenRemarks: almost a stage 7small piece



No. 4-242

Date 4/42

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		50 165.0	10 33.0
2		54 178.2	14 46.2
3		49 161.7	8 24.4
4		41 135.3	15 49.5
5		40 132.0	8 26.4
6			
7			
8			
9			
10			
T		772.2	181.5
$\bar{x}$		154.4	36.3

Sertoli Cells: seenRemarks: huge intertubular spaces



No. 4-243

Date 6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26	85.8	4 - 13.2
2	34	112.2	7 23.1
3	34	112.2	6 19.8
4	54	178.2	9 29.7
5	40	132.0	6 19.8
6	40	132.0	7 23.1
7	34	112.2	6 19.8
8			
9			
10			
T		864.6	148.5
$\bar{x}$		123.5	21.2

Sertoli Cells: seen

Remarks:



No. 4-244

Date 6/62

Spermatogenic Condition 7

(2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47	153.1	7 - 23.1
2	35	115.5	9 29.7
3	26	85.8	5 16.5
4	31	102.3	7 23.1
5	35	115.5	10 33.0
6	42	138.6	6 19.8
7	33	108.9	10 33.0
8	44	145.2	12 39.6
9	34	112.2	5 16.5
10	36	118.8	9 29.7
T		1197.9	264.0
$\bar{x}$		119.8	26.4

Sertoli Cells: seenRemarks: large intertubular spaces



No. 4-245

Date 4/62

## Spermatogenic Condition Rating

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: \_\_\_\_\_

Remarks: no testis

$$\bar{E} = 29.7 \mu$$

(3)



No. 4-247 Date 8/6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	6 - 19.8
2		29 95.7	7 23.1
3		45 148.5	8 26.4
4		42 138.6	7 23.1
5		37 122.1	9 29.7
6		39 128.7	8 26.4
7		41 135.3	6 19.8
8		37 122.1	9 29.7
9		34 112.2	7 23.1
10		37 122.1	8 26.4
T		1267.2	247.5
$\bar{x}$		126.7	24.8

Sertoli Cells: seen

Remarks: large intertubular spaces

$\bar{E} = 39.6 \mu$

(2)



No. 4-248

Date 6/6/62

Spermatogenic Condition 7 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	8 - 26.4
2		45 - 148.5	5 - 16.5
3		39 128.7	7 23.1
4		41 135.3	10 33.0
5		47 155.1	5 16.5
6		51 168.3	8 26.4
7		35 115.5	6 19.8
8		43 141.9	9 29.7
9		45 - 148.5	9 29.7
10		40 132.0	8 26.4
T		1415.7	247.5
$\bar{x}$		141.6	24.8

Sertoli Cells: seen

Remarks:



No. 4-249

Date 4/42

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44-145.2	10 33.0
2		44 145.2	10 33.0
3		45 148.5	11 34.3
4		50 165.0	12 39.6
5		45-148.5	11 34.3
6		39 128.7	8 26.4
7		36 118.8	12 39.6
8		42 138.6	6 19.8
9		44 145.2	6 19.8
10		42 138.6	9 29.7
T		1422.3	313.5
$\bar{x}$		142.2	31.4

Sertoli Cells: seen

Remarks:

E = 29.7  $\mu$ 

(3)



No. 4-250

Date 6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		28 92.4	7 - 23.1
2		37 122.1	9 29.7
3		34 112.2	6 19.8
4		47 155.1	10 33.0
5		34 112.2	7 23.1
6		38 125.4	10 33.0
7		29 95.7	10 33.0
8		52 171.6	6 19.8
9		35 115.5	7 23.1
10		42 138.6	7 23.1
T		1240.8	260.7
$\bar{x}$		124.1	26.1

Sertoli Cells: seen

Remarks:



No. 4-252

Date VII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70 231.0	15 - 49.5
2		60 198.0	14 46.2
3		51 168.3	10 33.0
4		41 135.3	9 29.7
5		52 184.8	10 33.0
6		61 201.3	14 44.2
7			
8			
9			
10			
T		1118.7	237.6
$\bar{x}$		186.4	39.6

Sertoli Cells: seenRemarks: small piece



No. 4-255Date VII/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis or sertoli



No. 4-257 Date VII/62  
Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



No. 4-259

Date 8/11/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28 - 92.4	
2	25 82.5	
3	26 85.8	
4	22 72.4	
5	22 72.4	
6	23 75.9	
7	20 66.0	
8	22 72.4	
9	30 99.0	
10	21 69.3	
T	788.7	
$\bar{x}$	78.9	

Sertoli Cells: seen

Remarks:



No. 4-260

Date VII/62

Spermatogenic Condition

9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30	99.0
2	30	99.0
3	27	89.1
4	26	85.8
5	27	89.1
6	31	102.3
7	30	99.0
8	29	95.7
9	31	102.3
10	31	102.3
T	963.6	
$\bar{x}$	96.4	

Sertoli Cells:

Plan

Remarks:



No. 4-263 Date 6/11/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	24	79.2
2	31	102.3
3	30	99.0
4	32	105.6
5	27	89.1
6	26	85.8
7	25	82.5
8	26	85.8
9	32	105.6
10	32	105.6
T		94.05
$\bar{x}$		94.0

Sertoli Cells: slim

Remarks:

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No. 4-272

Date

11/62

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. ③	Seminiferous epith. height
1	15	49.5
2	17	56.1
3	22	72.4
4	19	62.7
5	21	69.3
6	18	59.4
7	20	66.0
8	21	69.3
9	20	66.0
10	23	75.9
T		646.8
$\bar{x}$		64.7

Sertoli Cells: seen

Remarks:



No. 4-273

Date 8/11/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis



No. 4-275Date VI/1/62

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	22 - 72.6	
2	24 79.2	
3	21 69.3	
4	24 79.2	
5	22 72.6	
6	25 82.5	
7	22 72.6	
8	24 79.2	
9	22 72.6	
10	20 66.0	
T	745.8	
$\bar{x}$	74.6	

Sertoli Cells: seenRemarks: tunica lifted away from  
tubules



No. 4-277 Date VII/62  
 Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		22 - 72.4	
2		21 69.3	
3		19 62.7	
4		25 82.5	
5		18 59.4	
6		21 69.3	
7		21 69.3	
8		21 69.3	
9		22 72.4	
10		23 75.9	
T		202.9	
$\bar{x}$		70.3	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



No. 4-278 Date 7/11/62Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	26 85.8	
3	22 72.6	
4	26 85.8	
5	27 89.1	
6	22 72.6	
7	23 75.9	
8	23 75.9	
9	27 89.1	
10	22 72.6	
T	805.2	
$\bar{x}$	80.5	

Sertoli Cells: seen

Remarks:



No. 4-282

Date

7/1/62

Spermatogenic Condition

0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 - 56.1	
2		17 56.1	
3		16 52.8	
4		16 52.8	
5		16 52.8	
6		14 46.2	
7		15 49.5	
8		16 52.8	
9		16 52.8	
10		15 49.5	
T		521.4	
$\bar{x}$		52.1	

Sertoli Cells: seen

Remarks:



No. 4-284 Date VII/62Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. <u>(2)</u>	Seminiferous epith. height
1		22 - 72.6	
2		30 99.0	
3		18 59.4	
4		23 75.9	
5		25 - 82.5	
6		19 62.7	
7		21 69.3	
8		29 95.7	
9		24 77.2	
10		20 66.0	
T		742.3	
$\bar{x}$		76.2	

Sertoli Cells: seen

Remarks:



No. 4-284 Date VII/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

$\bar{E} = 23.1 \mu$  0



No. 4-287

Date 8/11/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		22 - 72.6	
2		25 82.5	
3		24 79.2	
4		23 75.9	
5		22 72.6	
6		21 69.3	
7		19 62.7	
8		24 79.2	
9		21 69.3	
10		21 69.3	
T		732.6	
$\bar{x}$		78.3	

Sertoli Cells: seen

Remarks:



No. 4-289 Date VII/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25	82.5
2	25	82.5
3	24	79.2
4	24	79.2
5	20	66.0
6	25	82.5
7	23	75.9
8	25	82.5
9	17	56.1
10	24	79.2
T		76.5.4
$\bar{x}$		76.6

Sertoli Cells: seen

Remarks:

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No. 4-290 Date 7/11/62  
 Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		21 - 69.3	
2	16	52.8	
3	16	52.8	
4	18	59.4	
5	20	66.0	
6	18	59.4	
7	21	69.3	
8	16	52.8	
9	17	52.1	
10	18	59.4	
T		597.3	
$\bar{x}$		59.7	

Sertoli Cells: seen

Remarks:

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No. 4-291 Date VIII/62Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	21	19.3
2	20	66.0
3	18	59.4
4	24	79.2
5	23	75.9
6	19	62.7
7	18	59.4
8	21	69.3
9	22	72.4
10	27	89.1
T		702.9
$\bar{x}$		70.3

Sertoli Cells: seen

Remarks:



No. 4-292

Date 11/16/62

Spermatogenic Condition

8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		20 66.0	
2		23 75.9	
3		26 85.8	
4		24 79.2	
5		30 99.0	
6		20 66.0	
7		20 66.0	
8		24 79.2	
9		23 75.9	
10		19 62.7	
T		75.5.7	
$\bar{x}$		75.6	

Sertoli Cells: seen

Remarks: small piece



No. 4-293

Date VIII/62

9

Spermatogenic Condition

②

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	33 108.9	
2	33 108.9	
3	25 82.5	
4	25 82.5	
5	35 115.5	
6	42 138.6	
7	38 125.4	
8	32 105.6	
9	32 105.6	
10	36 118.8	
T	1092.3	
$\bar{x}$	109.2	

Sertoli Cells: seen

Remarks:



No. 4-295

Date 8/11/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	
2	38 125.4	
3	35 115.5	
4	35 115.5	
5	44 145.2	
6	37 122.1	
7	34 112.2	
8	37 122.1	
9	36 118.8	
10	30 99.0	
T	1207.8	
$\bar{x}$	120.8	

Sertoli Cells: seen

Remarks:



No. 4-294 Date 8/11/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	34 112.2	
3	35 115.5	
4	29 95.7	
5	32 105.4	
6	31 102.3	
7	34 112.2	
8	32 105.6	
9	35 115.5	
10	30 99.0	
T	1075.8	
$\bar{x}$	107.6	

Sertoli Cells: seen

Remarks:

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No. 4-299 Date 8/11/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28	92.1
2	27	89.1
3	33	108.9
4	31	102.3
5	31	102.3
6	29	95.7
7	28	92.4
8	31	102.3
9	25	82.5
10	29	95.7
T	963.3	
$\bar{x}$	96.3	

Sertoli Cells: seenRemarks: folds in tissue



No. 4-300Date 8/11/62

Spermatogenic Condition

9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 112.2	
2	46 151.8	
3	39 128.7	
4	47 155.1	
5	34 112.2	
6	46 151.8	
7	37 122.1	
8	43 141.9	
9	37 122.1	
10	40 132.0	
T	1329.9	
$\bar{x}$	133.0	

Sertoli Cells: seen

Remarks:



No. 4-301

Date 8/11/62

Spermatogenic Condition

9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 112.2	
2		32 105.6	
3		37 122.1	
4		50 165.0	
5		3.9 128.7	
6		40 132.0	
7		44 145.2	
8		37 122.1	
9		36 118.8	
10		41 135.3	
T		1287.0	
$\bar{x}$		128.7	

Sertoli Cells: seen

Remarks:



No. 4-305Date 8/11/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36	118.8
2	40	132.0
3	37	122.1
4	42	138.4
5	41	135.3
6	35	115.5
7	39	128.7
8	39	128.7
9	48	158.4
10	41	135.3
T		1313.4
$\bar{x}$		131.3

Sertoli Cells: seen

Remarks:



No. 4-304 Date 8/11/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 118.8	
2	33 108.9	
3	34 112.2	
4	49 161.7	
5	34 112.2	
6	30 99.0	
7	25 52.5	
8	32 105.6	
9	34 112.2	
10	36 118.8	
T	1131.9	
$\bar{x}$	113.2	

Sertoli Cells: seen

Remarks:

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No. 4-502

Date 9 VIII/62

## Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	57 - 163.3	
2	44 145.2	
3	45 148.5	
4	67 221.1	
5	50 165.0	
6	54 184.8	
7	57 168.3	
8	57 188.1	
9	53 174.9	
10	57 188.1	
T	1752.3	
$\bar{x}$	175.2	

Sertoli Cells: seen

Remarks:



No. 4-312 Date 4/11/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	32	105.6
2	40	132.0
3	29	95.7
4	34	112.2
5	36	118.8
6	38	125.4
7	30	99.0
8	40	132.0
9	41	135.3
10	36	118.8
T		1174.8
$\bar{x}$		117.5

Sertoli Cells: seen

Remarks:

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No. 4-313 Date 8/11/62  
 Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 135.3	
2	42 138.6	
3	40 132.0	
4	44 145.2	
5	37 122.1	
6	38 125.4	
7	41 135.3	
8	43 141.9	
9	41 135.3	
10	43 141.9	
T	1353.0	
$\bar{x}$	135.3	

Sertoli Cells: seen

Remarks:

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No. 4-314 Date 8/11/62  
 Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 132.0	
2		39 128.7	
3		39 128.7	
4		40 132.0	
5		44 145.2	
6		36 118.8	
7		39 128.7	
8		47 155.1	
9		36 118.8	
10		32 105.6	
T		1293.6	
$\bar{x}$		129.4	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



No. 4-319 Date 10/63

Spermatogenic Condition \_\_\_\_\_

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: \_\_\_\_\_

Remarks: tissue too thick



No. 4-320

Date 10/63

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	16 52.8
2	45 148.5	14 52.8
3	43 141.9	15 49.5
4	38 125.4	12 39.6
5	48 158.4	13 42.9
6	60 201.3	19 62.7
7	45 148.5	18 59.4
8		
9		
10		
T	1082.4	359.7
$\bar{x}$	154.6	51.4

Sertoli Cells: seen

Remarks:



No. 4-321

Date 10/63

Spermatogenic Condition

3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 181.5	22 - 72.6
2		49 161.7	20 66.0
3		48 158.9	15 - 49.5
4		55 181.5	19 62.7
5		53 174.9	20 66.0
6		45 - 148.5	20 66.0
7		41 135.3	16 52.8
8		47 155.1	16 52.8
9			
10			
T		1296.9	488.4
$\bar{x}$		162.1	61.0

Sertoli Cells: seen

Remarks:



No. 4-322

Date 10/6/3  
3

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 181.5	20 66.0
2	49 161.7	21 69.3
3	51 168.3	16 52.8
4	44 145.2	18 59.4
5	53 174.9	16 52.8
6	53 174.9	18 59.4
7	50 165.0	13 42.9
8	52 171.6	20 66.0
9	52 171.6	19 62.7
10	47 155.1	18 59.4
T	1669.8	590.7
$\bar{x}$	167.0	59.1

Sertoli Cells: seen

Remarks:



No. 4-323

Date 10/6/53

Spermatogenic Condition

4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (7)	Seminiferous epith. height
1		54 - 178.2	22 72.6
2		55 181.5	21 69.3
3		44 145.2	13 42.9
4		56 184.8	25 82.5
5		44 145.2	16 52.8
6			
7			
8			
9			
10			
T		834.9	320.1
$\bar{x}$		167.0	64.0

Sertoli Cells: seen

Remarks:



No. 4-324

Date 10/6/3

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51	168.3	20 - 66.0
2	55	181.5	17 56.1
3	58	165.0	14 46.2
4	53	174.9	20 66.0
5	41	135.3	12 39.6
6	41	135.3	16 52.8
7	49	161.7	17 56.1
8	46	151.8	17 56.1
9	47	155.1	20 66.0
10	44	145.2	13 42.9
T		1574.1	547.8
$\bar{x}$		157.4	54.8

Sertoli Cells: seen

Remarks:



No. 4-325

Date 10/62

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42	138.6	14 46.2
2	49	161.7	13 42.9
3	53	165.0	17 52.1
4	39	128.7	12 39.6
5	49	161.7	17 52.1
6	44	145.2	15 49.5
7	47	153.1	13 42.9
8	39	128.7	12 39.6
9			
10			
T		1184.7	372.9
$\bar{x}$		148.1	46.6

Sertoli Cells: seen

Remarks:



No. 4-324

Date 16/6/3

Spermatogenic Condition within

3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	16 52.8
2		50 165.0	14 46.2
3		43 141.9	13 42.9
4		45 148.5	17 56.1
5		53 174.9	16 52.8
6		64 211.2	15 49.5
7		56 184.8	14 52.8
8		42 138.6	8 26.4
9		43 141.9	14 46.2
10		48 158.4	16 52.8
T		1623.6	478.5
$\bar{x}$		162.4	47.9

Sertoli Cells: seen

Remarks:



No.	4-327	Date	11/6/63 3
Spermatogenic Condition Rating			
Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	52	171.4	16 52.8
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tissue shredded



No. 4-328

Date 10/63

Spermatogenetic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45	148.5	15 49.5
2	51	168.3	20 66.0
3	52	165.0	14 46.2
4			
5			
6			
7			
8			
9			
10			
T		181.8	161.7
$\bar{x}$		160.6	53.9

Sertoli Cells: seenRemarks: tissue shredded; fixation poor



No. 4-329

Date 16/63

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 158.4	21 - 69.3
2		55 181.5	22 72.6
3		70 231.0	25 82.5
4		58 165.0	22 72.4
5		57 188.1	20 66.0
6		56 184.8	23 75.9
7		54 178.2	23 75.9
8			
9			
10			
T		1282.0	494.8
$\bar{x}$		183.8	70.7

Sertoli Cells: seen

Remarks:



No. 4-330

Date 14/6/3

4

Spermatogenic Condition

(2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 - 148.5	17 - 52.1
2		46 151.8	15 49.5
3		43 141.9	14 46.2
4		53 174.9	14 46.2
5		53 174.9	12 39.6
6		48 158.4	14 46.2
7			
8			
9			
10			
T		950.4	283.8
$\bar{x}$		158.4	47.3

Sertoli Cells: seen

Remarks:



No. 4-331Date 10/63Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	② Seminiferous epith. height
1		55 - 181.5	18 59.4
2		40 132.0	17 52.1
3		39 128.7	15 - 49.5
4		33 108.9	12 39.6
5		44 145.2	12 39.6
6		52 184.8	15 - 49.5
7		50 165.0	12 39.6
8		64 211.2	18 59.4
9		48 158.4	14 46.2
10		48 158.4	18 59.4
T		1574.1	498.3
$\bar{x}$		157.4	49.8

Sertoli Cells: seen

Remarks:



No. 4-332

Date 10/6/63

5

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	20 66.0
2	59	194.7	17 52.1
3	52	171.6	17 52.1
4	59	194.7	16 52.8
5	51	168.3	19 62.7
6	45	148.5	16 52.8
7	42	138.6	12 39.6
8	52	184.8	20 66.0
9	59	194.7	18 59.4
10	48	158.4	12 39.6
T		1729.2	551.1
$\bar{x}$		172.9	55.1

Sertoli Cells: seen

Remarks:



No. 4-333

Date 1/6/33

3

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41	135.3	10 33.0
2	42	138.6	12 39.6
3	41	135.3	13 42.9
4	43	141.9	14 46.2
5	37	122.1	10 33.0
6	38	125.4	13 42.9
7	56	184.8	17 50.1
8	46	151.8	13 42.9
9	38	125.4	12 39.6
10	44	145.2	12 39.6
T		1405.8	415.8
$\bar{x}$		140.6	41.6

Sertoli Cells: seen

Remarks:



No. 4-334

Date 4/4/35

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 191.4	23 75.9
2		72 237.6	24 79.2
3		52 184.8	17 52.1
4		52 184.8	20 66.0
5			
6			
7			
8			
9			
10			
T		798.6	277.2
$\bar{x}$		199.4	69.3

Sertoli Cells: seen

Remarks:



No. 4-334 Date 4/63Spermatogenic Condition initial 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 151.8	5 16.5
2		55 181.5	11 36.3
3		36 118.8	10 33.0
4		63 207.9	11 36.3
5			
6			
7			
8			
9			
10			
T		660.0	122.1
$\bar{x}$		165.0	30.5

Sertoli Cells: seenRemarks: poor condition, sections  
uneven



No. 4-337

Date 1/6/3

Spermatogenic Condition within

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	⑨	Seminiferous epith. height
1		52	171.4	11 36.3
2		61	201.3	8 26.4
3		72	237.6	17 56.1
4		58	191.4	10 33.0
5		57	168.3	9 29.7
6		54	178.2	13 42.9
7		70	231.0	12 39.6
8		52	171.4	17 56.1
9		52	184.8	13 42.9
10		62	204.6	16 52.8
T			1940.4	415.8
$\bar{x}$			194.0	41.6

Sertoli Cells: seen

Remarks:



No. 4-338

Date 1/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	20 66.0
2		67 221.1	15 49.5
3		62 204.6	20 66.0
4		57 168.3	13 42.9
5		54 178.2	18 59.4
6		51 168.3	15 49.5
7		66 217.8	17 56.1
8		44 145.2	13 42.9
9		46 151.8	15 49.5
10		58 191.4	12 39.6
T		1831.5	521.4
$\bar{x}$		183.2	52.1

Sertoli Cells: seenRemarks: section very thick



No. 4-339

Date 5/63

Spermatogenic Condition Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 138.6	10 35.0
2		41 135.3	12 39.4
3			
4			
5			
6			
7			
8			
9			
10			
T		273.9	72.6
$\bar{x}$		137.0	36.3

Sertoli Cells: seenRemarks: small size - poor condition



No. 4-3455 Date 6/63

Spermatogenic Condition rating 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 181.5	16 52.8
2		47 155.1	15 49.5
3			
4			
5			
6			
7			
8			
9			
10			
T		334.6	102.3
$\bar{x}$		168.3	51.2

Sertoli Cells: seen

Remarks: poor condition



No. 4-346

Date 4/6/36

6

## Spermatogenic Condition within

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	63	207.9	24 79.2
2	50	165.0	13 42.9
3	50	165.0	12 39.6
4			
5			
6			
7			
8			
9			
10			
T		537.9	161.7
$\bar{x}$		179.3	53.9

Sertoli Cells: seen

Remarks:



No. 4-347

Date 1/63

5

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	69	227.7	24 79.2
2	52	171.6	16 52.8
3	51	168.3	15 49.5
4	60	198.0	19 62.7
5	70	231.0	16 52.8
6	43	141.9	11 36.3
7	77	254.1	17 56.1
8			
9			
10			
T		1392.6	389.4
$\bar{x}$		198.9	55.4

Sertoli Cells: seenRemarks: small piece



No. 4-3-18 Date 1/6/35  
 Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	61	201.3	18 59.4
2	65	214.5	11 36.3
3	61	201.3	15 49.5
4	51	168.3	15 49.5
5	55	181.5	21 69.3
6	46	151.8	13 42.9
7			
8			
9			
10			
T		1118.7	306.9
$\bar{x}$		186.4	51.2

Sertoli Cells: seen

Remarks: mostly poor condition



No. 4350

Date 1/63

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	68	224.4	11 36.3
2	55	181.5	7 23.1
3	52	184.8	14 46.2
4	52	165.0	9 29.7
5	61	201.3	11 36.3
6	60	198.0	9 29.7
7	60	198.0	13 42.9
8	49	161.7	9 29.7
9	69	227.7	11 36.3
10	51	168.3	13 42.9
T		1910.7	353.1
$\bar{x}$		191.1	35.3

Sertoli Cells: seen

Remarks:



No. 4-356 Date 4/6/36

Spermatogenic Condition Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 161.7	16 52.8
2		51 168.3	11 36.3
3		48 158.4	12 54.4
4		58 191.4	10 33.0
5		51 168.3	10 33.0
6		44 145.2	8 26.4
7			
8			
9			
10			
T		993.3	221.1
$\bar{x}$		165.6	36.8

Sertoli Cells: seen

Remarks: poor condition



No. 4358

Date 4/6/63

6

Spermatogenic Condition Wright

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. ②	Seminiferous epith. height
1		49 - 161.7	10 33.0
2		59 194.7	16 52.8
3		55 - 181.5	11 36.3
4		51 168.3	10 33.0
5		44 145.2	14 46.2
6		40 132.0	10 33.0
7		39 128.7	10 33.0
8		54 178.2	12 39.6
9		46 157.8	11 36.3
10		58 191.4	8 26.4
T		1633.5	369.4
$\bar{x}$		163.4	37.0

Sertoli Cells: seen

Remarks:



No. 4-359

Date 4/6/36

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	9 29.7
2	40 132.0	8 26.4
3	42 138.4	10 33.0
4	34 112.2	7 23.1
5	48 158.4	10 33.0
6	52 171.4	14 46.2
7	36 118.8	10 33.0
8	40 132.0	11 36.3
9	40 132.0	9 29.7
10	40 132.0	10 33.0
T	1376.1	323.4
$\bar{x}$	137.6	32.3

Sertoli Cells: seen

Remarks:



No. 4-360

Date 1/63

6

Spermatogenic Condition Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57	188.1	12 39.6
2	58	191.4	15 49.5
3	69	227.7	18 59.4
4	85	280.5	17 56.1
5	85	280.5	17 56.1
6	58	191.4	10 33.0
7	62	204.6	12 39.6
8	73	240.9	18 59.4
9	52	184.8	12 39.6
10	78	257.4	19 62.7
T		2247.3	495.0
$\bar{x}$		224.7	49.5

Sertoli Cells: seen

Remarks:

E = 36.3  $\mu$ 

(3)



No. 4-369

Date 10/63

Spermatogenic Condition Rating ⑦

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53	174.9	9 29.7
2	55	181.5	8 26.4
3	56	184.8	13 42.9
4	45	198.5	8 26.4
5	96	151.8	8 26.4
6	60	198.0	14 46.2
7	57	168.3	13 42.9
8	52	184.8	6 19.8
9	47	155.1	11 36.3
10	43	141.9	13 42.9
T		1689.6	339.9
$\bar{x}$		169.0	34.0

Sertoli Cells: seen

Remarks:



No.	4-3.70	Date	6/6/63
Spermatogenesis Condition		6	
Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height	
1	43	141.9	42.9
2	52	171.6	46.2
3	53	174.9	26.4
4	38	125.4	39.6
5	43	141.9	46.2
6	38	125.4	23.1
7	45	148.5	33.0
8	49	161.7	36.3
9	58	191.4	29.7
10	413	141.9	29.7
T	1524.6		353.1
$\bar{x}$	152.5		35.3

Sertoli Cells: seen

Remarks:

$E = 29.7 \mu$

(4)



No. 4-371

Date 4/4/63

Spermatogenic Condition writing

6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	31 102.3	9 29.7
2	38 125.4	11 36.3
3	33 108.9	8 26.4
4	46 151.8	10 33.0
5	40 132.0	10 33.0
6	34 118.8	8 26.4
7	30 99.0	8 26.4
8	43 141.9	7 23.1
9	36 118.8	9 29.7
10	40 132.0	11 36.3
T	1230.9	300.3
$\bar{x}$	123.1	30.0

Sertoli Cells: seen

Remarks:



No. 4372

Date 01/63

6

Spermatogenic Condition gritina

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	41	135.3	9 29.7
2	53	174.9	12 39.6
3	52	184.8	10 33.0
4	41	135.3	13 42.9
5	54	178.2	13 42.9
6	52	171.6	11 30.3
7	46	157.8	10 52.8
8	50	165.0	16 52.8
9	70	231.0	12 39.6
10	65	214.5	15 49.5
T		1742.4	419.1
$\bar{x}$		174.2	41.9

Sertoli Cells: seen

Remarks:



No. 4-373

Date 6/63

Spermatogenic Condition

4

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 138.6	13 - 42.9
2	46 151.8	10 33.0
3	37 122.1	8 26.4
4	62 204.6	13 42.9
5	35 115.5	6 19.8
6	46 157.8	8 26.4
7	47 155.1	11 36.3
8	44 145.2	7 23.1
9	46 151.8	8 26.4
10	43 141.9	10 33.0
T	1478.4	310.2
$\bar{x}$	147.8	31.0

Sertoli Cells: seen

Remarks:

 $E = 26.4 \mu$ 

4



No. 4-377

Date 6/63

Spermatogenic Condition

9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36	118.8	
2	37	122.1	
3	34	112.2	
4	33	108.9	
5	37	122.1	
6	28	92.4	
7	33	108.9	
8	38	125.4	
9	35	115.5	
10	27	89.1	
T		1115.4	
$\bar{x}$		111.5	

Sertoli Cells: seen

Remarks:



No. 4-394 Date 8/11/63  
 Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		21 69.3	
2		29 95.7	
3		29 95.7	
4		29 95.7	
5		26 85.8	
6		27 89.1	
7		24 79.2	
8		22 72.4	
9		25 82.5	
10		24 85.8	
T		851.4	
$\bar{x}$		85.1	

Sertoli Cells: seen

Remarks:

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$$\bar{E} = 19.8 \mu$$

(2)



No. 4-397

Date 7/11/63

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28	92.4
2	33	108.9
3	31	102.3
4	29	95.7
5	34	112.2
6	34	112.2
7	29	95.7
8	35	115.5
9	33	108.9
10	34	112.2
T		1056.0
$\bar{x}$		105.6

Sertoli Cells: seen

Remarks: lumina not recognizable -  
Sertoli cells engulfing degenerating  
sperm



No. 4-398Date 8/11/63

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

$$\bar{E} = 19.8 \mu$$

(2)



No. 4-402

Date

VII/63

Spermatogenic Condition

7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37	122.1	7 23.1
2	33	108.9	7 23.1
3	33	108.9	9 29.7
4	30	99.0	4 13.2
5	33	108.9	7 23.1
6	32	105.6	4 19.8
7			
8			
9			
10			
T		653.4	132.0
$\bar{x}$		108.9	22.0

Sertoli Cells: seen

Remarks:



No. 4-405 Date VII / 63  
Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28 92.4	
2		29 95.7	
3		29 95.7	
4		29 95.7	
5		33 108.9	
6		28 92.4	
7		35 115.5	
8		28 92.4	
9		31 102.3	
10		27 89.1	
T		980.1	
$\bar{x}$		98.0	

Sertoli Cells: seen

Remarks: \_\_\_\_\_

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No. 4-413 Date VII/63  
 Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	21 69.3	
2	22 72.6	
3	21 69.3	
4	25 82.5	
5	22 72.6	
6	18 59.4	
7	20 66.0	
8	20 66.0	
9	20 66.0	
10	26 85.8	
T	709.5	
$\bar{x}$	71.0	

Sertoli Cells: seen

Remarks:

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No. 4414

Date 6/1/63

Spermatogenic Condition

7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	39	128.7	9 29.7
2	30	99.0	6 19.8
3	31	102.3	5 16.5
4	19	62.7	7 13.2
5	31	102.3	6 19.8
6	33	108.9	8 26.4
7	32	105.6	5 16.5
8	29	95.7	8 26.4
9	31	102.3	7 23.1
10	34	112.2	9 29.7
T		1019.7	221.1
$\bar{x}$		102.0	22.1

Sertoli Cells: seen

Remarks:



No. 4-415

Date

7/11/63

Spermatogenic Condition

8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28	92.4
2	23	75.9
3	25	82.5
4	23	75.9
5	22	72.6
6	22	72.6
7	17	56.1
8	21	69.3
9	21	69.3
10	23	75.9
T		742.5
$\bar{x}$		74.2

Sertoli Cells: slim

Remarks:

E=

(2)



No. 4-417

Date

8/11/63

Spermatogenic Condition

7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	31 102.3	5 16.5
2	29 95.7	5 16.5
3	36 118.8	7 23.1
4	28 92.4	7 23.1
5	26 85.8	4 13.2
6	34 112.2	7 23.1
7	43 141.9	6 19.8
8	28 92.4	5 16.5
9	24 79.2	2 6.6
10	22 72.6	7 23.1
T	993.3	181.5
$\bar{x}$	99.3	18.2

Sertoli Cells: seen

Remarks:



No. 4-418

Date 8/11/63

Spermatogenic Condition

7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36 - 118.8	10 33.0
2	27 82.5	5 16.5
3	30 95.0	10 33.0
4	28 92.4	8 26.4
5	37 122.1	10 33.0
6	36 118.8	5 16.5
7	39 128.7	8 26.4
8	34 112.2	8 26.4
9	37 122.1	8 26.4
10	24 79.2	8 26.4
T	1075.8	264.0
$\bar{x}$	107.6	26.4

Sertoli Cells: seen

Remarks:



No. 4-433

Date 8/11/63

Spermatogenic Condition

389

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 82.5	
2	32 105.6	
3	16 52.8	
4	19 62.7	
5	16 52.8	
6	22 72.6	
7	15 49.5	
8	16 52.8	
9	19 62.7	
10	17 52.1	
T	650.1	
$\bar{x}$	65.0	

Sertoli Cells: seen

Remarks:



No. 4-438Date VII/63

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

$$\bar{E} = 23.1 \mu$$

(3)



No. 4-437 Date VII/63  
 Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	21	69.3
2	20	66.0
3	18	59.4
4	19	62.7
5	24	79.2
6	21	69.3
7	20	66.0
8	18	59.4
9	17	56.1
10	19	62.7
T		650.1
$\bar{x}$		65.0

Sertoli Cells: seen

Remarks:

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No. 4-445 Date 4/1/63  
 Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34	112.2
2	25	82.5
3	27	89.1
4	27	89.1
5	26	85.8
6	28	92.4
7	26	85.8
8	33	108.9
9	29	95.7
10	27	89.1
T	930.6	
$\bar{x}$	93.1	

Sertoli Cells: seen

Remarks:

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No. 4-449 Date VII/6.3Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28	92.4
2	29	95.7
3	26	85.8
4	25	82.5
5	25	82.5
6	24	79.2
7	22	72.6
8	22	72.6
9	28	92.4
10	28	92.4
T		848.1
$\bar{x}$		84.8

Sertoli Cells: seen

Remarks:



**R-351**  
**STEEL BACKPLATE**  
**S. E. & M. VERNON, INC.**  
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113

